

NITED STATES DEPARTMENT OF COMMERCE

P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|------------------------------------|----------------------|---------------------|------------------|
| 09/970,122 | 10/02/2001 | Hou-Pu Chou | 020174-002510US | 2108 |
| 20350 TOWNSEND | 7590 07/09/2007 AND TOWNSEND AN | EXAMINER | | |
| TOWNSEND AND TOWNSEND AND CREW, LLP TWO EMBARCADERO CENTER | | | PHASGE, ARUN S | |
| EIGHTH FLOO SAN FRANCI | OR SCO, CA 94111-3834 | ART UNIT | PAPER NUMBER | |
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| | | | 07/09/2007 | PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.



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| APPLICATION NO./ CONTROL NO. | FILING DATE | FIRST NAMED INVENTOR / PATENT IN REEXAMINATION | | ATTORNEY DOCKET NO. | |
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Commissioner for Patents

Arun S. Phasge Primary Examiner Art Unit: 1753

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows: On page 4, line 27, delete "Figs. 7B is a front section view corresponding to Fig. 7A, showing an open flow channel." insert the following --Figs. 7B and 7H are a front section view corresponding to Fig. 7A together showing the closing of a first flow channel by pressurizing a second flow channel.--

Page 5, line 2, insert the following: -- Figs. 10 and 11 are a cross sectional view of flow channels being rectangular in cross sectional shape or flow channels having an upper curved surface respectively.—-

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Arun 5. Phasge whose telephone number is (571) 272-1345. The examiner can normally be reached on MONDAY-THURSDAY, 7:30-6:00.

Art Unit: 1753

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nam X. Nguyen can be reached on (571) 272-1342. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Arun S. Phasge Primary Examiner Art Unit 1753